

**PROCESS FOR THE PRODUCTION OF A DIARYL CARBONATE**

**ABSTRACT OF THE DISCLOSURE**

A process for the production of an aromatic carbonate is disclosed. The process entails (i) tempering an amount of aromatic hydroxy compound for a period  $t_2$  at an average temperature  $T_2$  in a device by bringing it together with an amount  $B_1$  of component d) and an amount  $C_1$  of component e), to produce an activated aromatic hydroxy compound wherein component d) is at least one compound selected from the group consisting of the compounds of Ru, Os, Rh, Ir, Ni, Pd and of Pt, and wherein component e) is at least one compound selected from the group consisting of the compounds of Sc, Y, La, Ti, Zr, Hf, V, Nb, Ta, Cr, Mo, W, Mn, Fe, Ni, Co, Cu, Ag, Au, Zn, Cd, Hg, Ga, In, Tl, Ge, Sn, Sb, Bi and Pb, and (ii) reacting in a reaction apparatus for a time  $t_1$  and at an average temperature  $T_1$  the activated aromatic hydroxy compound with carbon monoxide and oxygen in the presence of a catalyst system comprising an amount  $B_2$  of component (d) and an amount  $C_2$  of component (e) to produce an aromatic carbonate, said  $t_2$  being less than 50% of  $t_1$  and said  $T_2$  being at least 15 °C below said  $T_1$ .